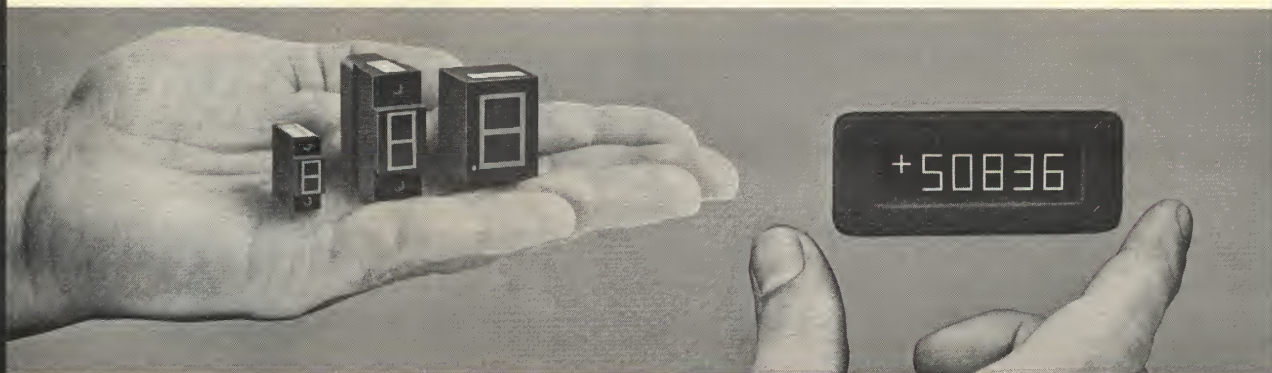


DIGICATOR^{T.M.}

ELECTRONIC NUMERIC READOUTS



A READOUT FOR EVERY APPLICATION

CHOOSE FROM MICROPHYSICS' THREE NEW SERIES OF ADVANCED ELECTRO-OPTICAL INCANDESCENT READOUTS:

SERIES 10 MICROMINIATURE! (MIL Specs)

SAVE SPACE, 6 digits in only 1 1/2" — SAVE WEIGHT, 6 digits weigh only 1 oz. — SAVE POWER, 6 digits require only 1 1/2 watts.

PRICE — Low as \$25, in production quantities.

SERIES 11 ULTRA LONG-LIFE! (MIL Specs)

Slightly larger than Series 10. Rugged design, featuring maximum reliability with rated lamp life of 100,000 hours.

PRICE — Low as \$23.50, in production quantities.

SERIES 13 LOW COST!

(Commercial Version)

Includes all the important features of Series 10 and 11. Available with built-in decimal point and integral driver circuits.

PRICE — Low as \$13, in production quantities.

PLUS A COMPLETE SELECTION OF LOW-COST INPUT CONTROL LOGIC CONVERTERS & CIRCUITS

DECIMAL, BINARY CODED DECIMAL, MEMORY CONTROL, MATRIX MODULES, TRANSISTOR DRIVERS, SWITCHING SYSTEMS, SPECIAL PURPOSE DRIVERS

Pick the components you need from our stock to work out your system — from a simple signal indicator to a complete command and control presentation.

■ **NUMERAL, DECIMAL, PLUS-MINUS.** Numeral display "0" through "9." Side-saddle mounted decimal point. Separate plus-minus unit. Other displays on special order.

■ **RUGGED DESIGN — NO MOVING PARTS.** 7 display elements embedded in DIGICATOR head, separately lighted to form numeral. Printed circuit boards. Compact construction, resistant to shock and vibration.

■ **HIGHEST BRIGHTNESS & READABILITY.** Incandescent lamps. White, bright, sharp display — clearly readable under all normal ambient lighting conditions.

■ **DIMMING CONTROL.** Can be directly dimmed by simply varying the lamp input voltage.

■ **IMPROVED SHARPNESS & CONTRAST.** At least an order of magnitude sharper than neon, glow-tube, or projection type indicators. Contrast emphasized and glare minimized by polaroid screen.

■ **FLAT, SINGLE-PLANE DISPLAY.** No projection lenses or stacked plates. No parallax or depth distortion. Unlimited viewing angle. Entire display in sharp focus.

■ **HIGH RELIABILITY.** Only 7 elements in each numeric DIGICATOR, compared to at least 10 in most other types, 30% less wiring for logic circuits. Quick, positive testing of lamps and light elements.

■ **4 MOUNTING STYLES.** Rear access, front access, plug-in, snap-in bezel. All mounting hardware available from MICROPHYSICS.

■ **FIELD-REPLACEABLE LAMPS.** DIGICATORS can be easily disassembled for individual lamp replacement. No special tools required.

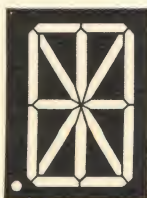
■ **HIGH SWITCHING SPEED.** 10 milliseconds for Series 10, 20 milliseconds for Series 11.

■ **NO HUMIDITY PROBLEM.** Low impedance circuits, electrical leakage not critical.

■ **NO CORONA PROBLEM.** Low voltage levels eliminate corona effects.

SHORT-FORM SPECIFICATIONS	SERIES 10			SERIES 11			SERIES 13	
	Numeric DIGICATOR	Plus-Minus DIGICATOR	Decimal DIGICATOR	Numeric DIGICATOR	Plus-Minus DIGICATOR	Decimal DIGICATOR	Numeric DIGICATOR	Plus-Minus DIGICATOR
PART NUMBER	1725	1886	1729	1728	1826	1730	1890*	2001
OVERALL SIZE, W x H x D, in.	.28x.72x.75	.28x.72x.75	.08x.37x.50	.50x1.25x1.06	.50x1.25x1.06	.14x.62x.70	.75x1.00x.81	.75x1.00x.81
NUMERAL SIZE, W x H, in.	5/32 x 1/16	5/32 x 1/32	.046 dia.	5/16 x 1/32	5/32 x 1/32	.062 dia.	1/32 x 3/4	1/16 x 1/16
LAMP VOLTAGE, volts	1.4	1.4	1.4	5.0	5.0	5.0	10.0	10.0
AVERAGE CURRENT, amps	.14	.027	.027	.30	.06	.06	.20	.04
LAMP LIFE, hours	400	400	400	100,000	100,000	100,000	20,000	20,000
AVERAGE BRIGHTNESS, ft. lamberts	50	50	50	50	50	50	50	50
READABILITY DISTANCE, ft.	15	15	15	25	25	25	35	35
WEIGHT, ounces	.16	.16	.017	.64	.61	.054	.44	.40

*Part number 1890 is without built-in decimal point. DIGICATOR with decimal is part number 1829.



ACTUAL SIZE

BRAND-NEW!
Series 14
ALPHA-NUMERIC
DIGICATOR
WRITE FOR DETAILS

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TEL. 516-271-0720 TWX 516-421-4562

The new MICROPHYSICS line of electro-optical incandescent readouts with a host of exclusive design and performance characteristics that make them ideal for a wide range of numerical display applications, including:

Digital Voltmeters, Ohmeters	Production Control Boards
Frequency Meters, Counters	Process Control Panels
Electronic Digital Clocks	Transportation Schedule Boards
Digital Calculators	Signal Indicators
Computer Readouts	Airborne Instruments
Remote-Repeater Indicators	Marine Instruments
Stock Quotation Boards	Missile Command Panels
Command & Control Presentations	Test & Checkout Systems

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ELECTRONIC
NUMERIC
READOUTS**

(unit shown
actual size)